

AMENDMENTS TO THE CLAIMS:

Claims 1-20 are canceled without prejudice or disclaimer. Claims 29-47 are added. The following is the status of the claims of the above-captioned application, as amended.

Claims 1-28 (Canceled).

Claim 29 (New). An isolated carbohydrate-binding module which is selected from the group consisting of:

(a) a polypeptide encoded by a DNA sequence which has at least 80% identity with the sequence of nucleotides 109-531 of SEQ ID NO: 1;

(b) a polypeptide having a sequence which has at least 80% identity with the sequence of amino acids 34-174 of SEQ ID NO: 2;

(c) a polypeptide encoded by a DNA sequence that hybridizes to the DNA sequence of nucleotides 109-531 of SEQ ID NO: 1 under high stringency conditions; and

(d) a polypeptide which is a fragment of the sequence of amino acids 34-174 of SEQ ID NO: 2,

wherein the polypeptide has carbohydrate-binding module activity.

Claim 30 (New). The carbohydrate-binding module of claim 29, which has a sequence which has at least 80% identity with the sequence of amino acids 34-174 of SEQ ID NO: 2.

Claim 31 (New). The carbohydrate-binding module of claim 29, which has a sequence which has at least 85% identity with the sequence of amino acids 34-174 of SEQ ID NO: 2.

Claim 32 (New). The carbohydrate-binding module of claim 29, which has a sequence which has at least 90% identity with the sequence of amino acids 34-174 of SEQ ID NO: 2.

Claim 33 (New). The carbohydrate-binding module of claim 29, which has a sequence which has at least 95% identity with the sequence of amino acids 34-174 of SEQ ID NO: 2.

Claim 34 (New). The carbohydrate-binding module of claim 29, which is a fragment of the sequence of amino acids 34-174 of SEQ ID NO: 2 which has carbohydrate-binding module activity

Claim 35 (New). The carbohydrate-binding module of claim 29, which comprises a sequence of amino acids 34-174 of SEQ ID NO: 2.

Claim 36 (New). The carbohydrate-binding module of claim 29, which is encoded by a DNA sequence obtained from *Pseudoplectania nigrella* CBS 444.97.

Claim 37 (New). A composition comprising a carbohydrate-binding module of claim 29.

Claim 38 (New). The composition of claim 37, further comprising one or more enzymes selected from the group consisting of proteases, cellulases, beta-glucanases, hemicellulases, lipases, peroxidases, laccases, alpha-amylases, glucoamylases, cutinases, pectinases, reductases, oxidases, phenoloxidases, ligninases, pullulanases, pectate lyases, xyloglucanases, xylanases, pectin acetyl esterases, polygalacturonases, rhamnogalacturonases, pectin lyases, other mannanases, pectin methylesterases, cellobiohydrolases, transglutaminases; or mixtures thereof.

Claim 39 (New). A detergent composition comprising a carbohydrate-binding module of claim 29 and a surfactant.

Claim 40 (New). A method of finishing a textile, comprising treating the textile with a carbohydrate-binding module of claim 29.

Claim 41 (New). A method of baking a baking product, comprising

- (a) adding a carbohydrate-binding module of claim 29 to either a flour that is then used to form a dough or directly to a dough; and
- (b) baking the dough to form the baked product.

Claim 42 (New). A method for degradation of cellulose-containing biomass, comprising treating the biomass with an effective amount of a carbohydrate-binding module of claim 29.

Claim 43 (New). A hybrid endoglucanase exhibiting endo-beta-1,4-glucanase activity comprising a carbohydrate-binding module of claim 29 and a catalytic domain.

Claim 44 (New). A detergent composition comprising a hybrid endoglucanase of claim 43 and a surfactant.

Claim 45 (New). A method of finishing a textile, comprising treating the textile with a hybrid endoglucanase of claim 43.

Claim 46 (New). A method of baking a baking product, comprising

(a) adding a hybrid endoglucanase of claim 43 to either a flour that is then used to form a dough or directly to a dough; and

(b) baking the dough to form the baked product.

Claim 47 (New). A method for degradation of cellulose-containing biomass, comprising treating the biomass with an effective amount of a hybrid endoglucanase of claim 43.